

DOCKET NO.: T0529.70038US00

THE UNITED STATES PATENT AND TRADEMARK OFFICE

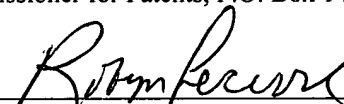
Applicant: Roger Faulkner  
Serial No.: 10/019,589  
Confirmation No.: 1695  
Filed: December 20, 2001  
For: QUALIFYING TELEPHONE LINES FOR DATA  
TRANSMISSION

Examiner: Tran, Q.D.  
Art Unit: 2643

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 14th day of April, 2005.

  
Robyn Lecesse

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**MAIL STOP RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed after the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311 and is being filed on or before payment of an Issue Fee.

2. The IDS processing fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

04/18/2005 AKELECH1 00000012 10019589

03 FC:1806

180.00 OP

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications and commonly owned patents that may contain subject matter related to this application:

<u>Patent No.</u>	<u>Issue Date or Filing Date</u>	<u>Inventor(s)</u>
6,826,258	November 30, 2004	Afzal
6,741,676	May 25, 2004	Rudinsky et al
6,687,336	February 3, 2004	Holeys
6,513,025	January 28, 2003	Rosen
6,487,276	November 26, 2002	Rosen et al
6,389,109	May 14, 2002	Schmidt et al
6,385,297	May 7, 2002	Faulkner et al
5,881,130	March 9, 1999	Zhang
11/060,904	February 18, 2005	Schmidt et al
11/007,970	December 9, 2004	Faulkner
11/005,055	December 6, 2004	Faulkner
10/672,821	September 26, 2003	Afzal
10/399,641	July 30, 2003	Bauer
10/236,128	January 9, 2003	Rosen et al
10/220,716	November 26, 2002	Faulkner et al
10/260,950	September 30, 2002	Holeva
10/332,777	July 16, 2001	Faulkner
09/692,169	October 19, 2000	Rosen
09/294,563	April 20, 1999	Schmidt et al.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.
4. Applicant is unable to locate copies of some of the non-patent documents. All documents were previously submitted in at least one related application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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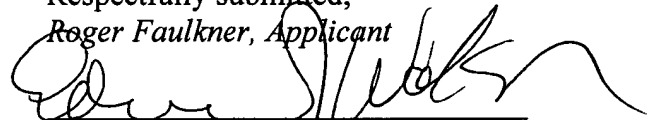
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Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

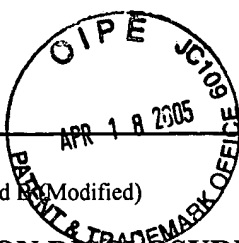
Respectfully submitted,  
*Roger Faulkner, Applicant*

By:



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Docket No.: T0529.70038US)0  
Date: April 14, 2005  
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FORM PTO-1449/A and (Modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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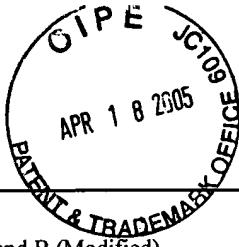
APPLICANT: Roger Faulkner

GROUP ART UNIT: 2643

EXAMINER: Tran, Q.D.

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		3,882,287		Simmonds	05/06/1975
		4,087,657		Peoples	05/02/1978
		4,186,283		Simmonds	01/29/1980
		4,620,069		Godwin et al	10/28/1986
		4,529,847		DeBalko	07/16/1985
		4,868,506		DiStefano	09/19/1989
		5,025,221		Blaess	06/18/1991
		5,083,086		Steiner	01/21/1992
		5,121,420		Marr, et al.	06/09/1992
		5,128,619		Bjork, et al.	07/07/1992
		5,157,336		Crick	10/20/1992
		5,270,661		Burnett	12/14/1993
		5,302,905		Crick	04/12/1994
		5,319,311		Kawashima, et al.	06/07/1994
		5,400,321		Nagato	03/21/1995
		5,402,073		Ross	03/28/1995
		5,404,388		Eu	04/04/1995
		5,436,953		Nilson	07/25/1995
		5,461,318		Borchert et al.	10/24/1995
		5,465,287		Egozi	11/07/1995
		5,528,661		Siu et al	06/18/1996
		5,528,679		Taarud	06/18/1996
		5,606,592		Galloway, et al.	02/25/1997
		5,629,628		Hinds et al	05/13/1997
		5,636,202		Garney	06/03/1997
		5,680,391		Barron et al	10/21/1997
		5,699,402		Bauer et al	12/16/1997
		5,758,027		Meyers et al	05/26/1998
		5,790,523		Ritchie, Jr. et al.	08/04/1998
		5,870,451		Winkler, et al.	02/09/1999
EXAMINER:				DATE CONSIDERED:	



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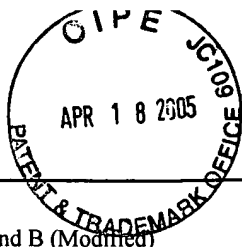
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		Number	Kind Code		
		5,937,033		Bellows	08/10/1999
		5,956,386		Miller	09/21/1999
		5,978,449		Needle	11/02/1999
		6,002,671		Kahkoska et al	12/14/1999
		6,014,425		Bingel et al	01/11/2000
		6,026,145		Bauer et al	02/15/2000
		6,091,338		Natra	07/18/2000
		6,107,867		Lakshmikumar	08/22/2000
		6,111,861		Burgess	08/29/2000
		6,115,466		Bella	09/05/2000
		6,118,860		Hillson et al	09/12/2000
		6,154,447		Vedder	09/10/1997
		6,169,785		Okazaki	01/02/2001
		6,177,801		Chong et al	01/23/2001
		6,181,775		Bella	01/30/2001
		6,192,109		Amrany et al	02/20/2001
		6,205,202		Yoshida et al	03/20/2001
		6,209,108		Pett et al	03/27/2001
		6,215,854		Walance	04/10/2001
		6,215,855		Schneider	04/10/2001
		6,226,356		Brown	05/01/2001
		6,240,177		Guntzburger et al.	05/29/2001
		6,256,377		Murphree et al.	07/03/2001

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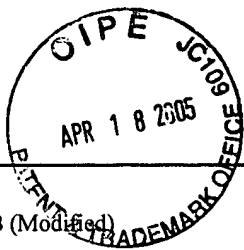
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		Number	Kind Code		
		6,263,047		Randle et al.	07/17/2001
		6,263,048		Nelson et al.	07/17/2001
		6,266,395		Liu et al	07/24/2001
		6,285,653		Koeman et al.	09/04/2001
		6,292,468		Sanderson	09/18/2001
		6,292,539		Eichen et al	09/18/2001
		6,349,130		Posthuma et al	02/19/1992
		6,366,644		Sisk et al	02/02/2002
		6,445,733		Zuranski et al	09/03/2002
		6,456,694		Posthuma	09/24/2002
		6,463,126		Manica et al	10/08/2002
		6,466,647		Tennyson	10/15/2002
		6,487,276		Rosen et al	11/26/2002
		6,507,870		Yokell et al	01/14/2003
		6,614,880		Lysaght et al	09/02/2003
		6,687,336		Holeva	02/03/2004
		6,781,386		LeHenaff	08/24/2004
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		2003/0048756		Chang et al	03/13/2003

EXAMINER:

DATE CONSIDERED:



FORM PTO-1449/A and B (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			APPLICATION NO.: 10/019,589	ATTY. DOCKET NO.: T0529.70038US00	
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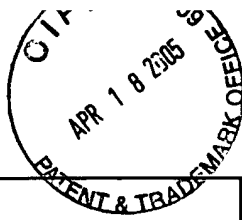
#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		WO	01/67729	A1	Teradyne, Inc.	09/13/2001	
		WO	99/63427	A1	GTE Corp.	12/09/1999	
		WO	91/11872		Raychem Limited	08/08/1991	
		WO	98/44428	A1	Porta Systems	10/08/1998	
		WO	00/27134		Teradyne, Inc.	05/11/2000	
		WO	00/64132		Teradyne, Inc.	10/26/2000	
		WO	01/01597	A1	Teradyne, Inc.	01/04/2001	
		WO	01/24490		Teradyne, Inc.	04/05/2001	
		WO	01/67729		Teradyne, Inc.	09/13/2001	
		EP	0722164	A1	AT&T Corp.	17/07/1996	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		IEEE Std 743-1995 "IEEE Standard Equipment Requirements and Measurement Techniques for Analog Transmission Parameters for Telecommunications" 1996	
		"Loop Qualification, Prerequisite for Volume xDSL Deployment," The TeleChoice Report on xDSL, Vol. 2, No. 3, March 1997	
		Backer, et al., "Telephone Access Network Measurements," 1998, Tektronix XP002148949	
		Goralski, "xDSL Loop Qualification and Testing," IEEE Communications Magazine, May 1999	
		Harris Communications, National Communications forum Presentation, Chicago, IL 10/05/1998	
		Heikman Product Information Release, "Introducing Hekimian's Comprehensive ADSL Test Solution,"	
		Roehrkasten, "Meassung Von SDSL=Parametern", Nachrichtentechnik Electronik, DE Veb Verlag Technik, Berlin, Vol. 48, No. 2, March 1, 1998, pp. 20-21	
		Stewart, "Testing ADSL: The Easier, The Better," America's Netwirk, 12/15/1998	
		Turnstone Systems, Inc., Product Literature and Presentation at Turnstone Systems, Inc., September 1992	
		Woloszynski, "It's Here," Bellcore Exchange Magazine, 6/98	
		Zieman, "ADSL Line Qualification Tests," Online!, Wandel and Goltermann, <a href="http://www.wg.com/appnotes/adsltest.html">http://www.wg.com/appnotes/adsltest.html</a>	
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		Stewart, "Testing ADSL: The Easier the Better, America's Network," 12/15/1998 pp. 24-27	
		Harris White Paper, "Testing in the Unbundled Loop: The Challenge for ILECS and C:ECS". pp. 1-	
		"Network and Customer Installation Interfaces—Asymmetric Digital Subscriber Line (ADSL) Metallic Interface," ANSI T10413-1998. Revision of ASSI T1. 413-1995 (Not Published)	
		Eichen, et al., "DSTS: An Expert System for Diagnosis of Advanced Digital Subscriber Services," IEEE Network Operations and Management Symposium, U.S. NY, Vol. Conf. 10, pp. 794-804	
		Hedlund, et al., "DSL Loop Test Telephony, Vol. 235, No. 8, 08/24/1998	
		Boets, et al. "The Modelling Aspect of Transmission Line Networks," May 12, 1992, pp. 137-141	
		Chiu et al. "Loop Survey in the Taiwan Area and Feasibility Study for HDSL," IEEE, Vol. 9, No. 6, August 1991, pp. 801-809	
		Rye Senjen et al, "Hybrid Expert Systems for Monitoring and for Diganosis", proceedings of the Conference on Artificial Intelligence for Applications, IEEE, Comp. Soc. Press. Vol, Conf. 9, 3/1/1993, pp. 235-241	

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